

***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance: Claims 1, 3-6, 11, and 12 are allowable over prior art references because related references do not disclose all the limitations of the claims, in particular, an arrangement for adaptive bit recovery comprising an adaptive equalizer, an adaptive partial response maximum likelihood detector, and an overflow control block for adaptive equalizer coefficients, wherein a scaling block applies a scaling to one or more data paths of the coefficients when the overflow control block indicates that one or more of the coefficients is out of an intended data range, wherein the scaling is applied such that a middle coefficient has the highest value.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CURTIS ODOM whose telephone number is (571)272-3046. The examiner can normally be reached on Monday- Friday, 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on 571-272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Curtis B. Odom/  
Primary Examiner, Art Unit 2611  
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